



# ASMS News

## ASMS ANNUAL CONFERENCE

The 43rd ASMS Conference on Mass Spectrometry and Allied Topics, May 21–26, 1995, will be at the Marriott Marquis Hotel in Atlanta, Georgia. The conference will feature daily plenary lectures, oral sessions, poster sessions, and workshops. Workshops are open to all registrants and are scheduled as follows:

### SUNDAY, 7:30–9:30 pm

Workshop for Young Mass Spectrometrists, organized by David Dearden, (801) 378-2355

### MONDAY, 8–10 pm

Environmental Interest Group Dinner Meeting, 6:30 pm, organized by M. Judith Charles, (919) 966-3857

LC/MS and Related Techniques, organized by Thomas Covey, (905) 881-4646

The Analytical Chemistry of Reformulated Fuels, organized by Dean Davis, (714) 577-1212

Comparison of Mass Analyzers for ICP and GD Ion Sources, organized by Douglas Duckworth, (615) 576-6296

Most Recent Results in FTMS, organized by Carolyn Cassady, (513) 529-2494

Analytical Laboratory Managers, organized by Andrew Tyler, (617) 495-3571

Progress and Prospects for Time-of-Flight Analysis, organized by Robert Cotter, (410) 955-3022

### TUESDAY, 8–10 pm

Fundamentals, organized by John Bartmess, (615) 974-6578

Micro-Electrospray: Can Less Give More?, organized by Richard Cole, (504) 286-7412

Ion Traps: Theory vs. Practice, organized by Gary Glish, (919) 962-2303

Surface Science, organized by Fraser Reich, (415) 369-4567

Validation of Mass Spectrometer Data Systems, organized by David Stranz, (209) 521-0714

Practical Aspects of Quantitation by Soft Ionization Techniques, organized by Susan Weintraub, (210) 567-4043

On-Line Mass Spectrometry for Process Control and Diagnostics, organized by Steve Doherty, (409) 238-2011

### THURSDAY, 8–10 pm

Biomedical Applications, organized by Pamela Crain, (801) 581-7532

Progress in Metal Ion Chemistry, organized by Jennifer Brodbelt, (512) 471-0028

Polymer Characterization: What's Really Involved?, organized by Philip Savickas, (517) 636-8728

Ion Optics, organized by John Wacker, (509) 376-1076

Molecular Primary Ions for Organic SIMS, organized by Peter Todd, (615) 574-6824

Good Laboratory Practices, organized by Kelvin Chan, (908) 274-5406

## ASMS PLENARY LECTURES

### Monday, May 22, 1995

Dr. Robert T. Watson, Office of Science and Technology Policy, "The Role of Science and Technology in Promoting Economic Growth While Protecting the Environment."

### Tuesday, May 23, 1995

Dr. Don H. Catlin, Director, UCLA Olympic Analytical Laboratory, "Mass Spectrometry and the Olympics: The Testing of Olympic Athletes."

### Wednesday, May 24, 1995

Prof. Keith R. Jennings, University of Warwick, ASMS Distinguished Contribution Award Address, "Tandem Mass Spectrometry—A Source of In-Flight Information."

### Thursday, May 25, 1995

Prof. R. Graham Cooks, Purdue University, in collaboration with Dr. Philip H. Hemberger, Los Alamos National Laboratory, "Ion Trap Mass Spectrometry: Simulations of Ion Motion, Ion Tomography and Analytical Applications."

### Friday, May 26, 1995

Mr. Miles O'Brien, CNN Science Correspondent, "The Geek Factor: Why TV Networks Scoff at Science News."

*For additional information contact ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87505. Telephone: (505) 989-4517.*

## ASMS SHORT COURSES

The short courses on May 20–21, 1995, will be conducted immediately preceding the annual conference in Atlanta, GA. All of the four short courses listed below are full, two-day programs.

Introduction to Interpretation of Mass Spectra, organized by Baltimore-Washington, DC, Discussion Group

GC/MS for Environmental Analysis, organized by *Paul C. Goodley and Norman Low*

Practical MS/MS, instructed by *Jodie Johnson and Richard A. Yost*

LC/MS, organized by *Robert D. Voyksner and Alfred Yergey*.

## THE 11TH ASILOMAR CONFERENCE ON MASS SPECTROMETRY

The 11th Asilomar Conference on Mass Spectrometry will be held September 24–28, 1995, at the Asilomar Conference Center in Pacific Grove, CA. The topic will be Molecular Structure Determination: Activation, Mass Analysis, and Detection. Fundamental understanding of activation methods, ion/molecule reactions and collision processes continues to advance. The ion chemistry of multiply charged ions is being developed. New experiments such as ion/surface collisions provide information on ion structures. Improvements in techniques for ionization and mass analysis continue to occur. All these developments offer opportunities to further improve mass spectrometry in chemical and biochemical analysis. These are the subjects to be treated at the 1995 Asilomar Conference.

The purpose of the Asilomar Conference on Mass Spectrometry is to provide a forum for an international group of scientists for in-depth and informal discussion of the most recent developments in a subfield of mass spectrometry, with the intent of stimulating creativity, critical thinking, and exchange of ideas. The 11th ACMS will be concerned with methods of structure determination, especially for biomolecules. All oral and poster presentations will be by invited contributors only. The conference is formatted to encourage uninhibited discussions and extensive audience participation. The campus-style setting of Asilomar, located on the scenic Monterey Peninsula as a unit of the California State Park System, offers an ideal environment for informal meetings and recreational activities. For further information please contact ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87505. Telephone: (505) 989-4517.

## RELATED EVENTS

ASMS is happy to announce meetings of non-profit organizations. Please supply date, name of event, and location, along with the full address, telephone number and fax of contact person. You may also include a brief description, not to exceed one paragraph of 300 characters.

1995

May 21–26

43rd ASMS Conference on Mass Spectrometry and Allied Topics, Atlanta Marriott Marquis, Atlanta, Georgia. Contact: ASMS, 1201 Don Diego Avenue, Santa

May 22–24

July 9–13

August 7–18

Fe, NM 87505. Phone: (505) 989-4517. Fax: (505) 989-1073.

The Eighth International Symposium on Polymer Analysis and Characterization (ISPAC-8), Sundial Beach Resort, Sanibel Island, FL. Contact: ISPAC 1201 Don Diego Avenue, Santa Fe, NM 87505. Phone: (505) 989-4517. Fax: (505) 989-1073.

3rd International Symposium on Applied Mass Spectrometry in the Health Sciences and 3rd European Tandem Mass Spectrometry Conference to be held in Barcelona, Spain. Topics will include: New developments in MS instrumentation and novel techniques; Development in tandem MS; Excitation and fragmentation of ions; High mass methods for biomolecules; Recent trends and horizons in combined chromatographic and MS techniques and applications in clinical, metabolic and biochemical studies; Molecular biology and biotechnology; environmental and feed chemistry; Toxicology and doping control; Drug assay methods and pharmacology; Fundamental studies and fragmentation mechanisms of biomolecules. For further information, contact Prof. Emilio Gelpi, Palau de Congressos, Dept. de Convencions, Avda. Reina Cristina, 08004 Barcelona, Spain. Telephone: 343-4233101, Ext. 8208-8213. Fax: 343-4262845.

A NATO Advanced Study Institute (ASI) "Fundamentals and Applications of Gas-Phase Ion Chemistry" will be held at Hotel an Badersee, Grainau, Garmisch-Partenkirchen, Germany. An ASI is a high-level teaching activity for 100 persons of which approximately 15 are senior lecturers. Some support is available to help defray costs of attending. In North America contact: Professor Terrance McMahon, Department of Chemistry, University of Waterloo, Waterloo, Ontario, Canada N2J 3G1; Phone (519) 885-1211, ext. 2129; Fax (519) 746-0435; E-Mail: MCMAHON@WATS.CHI.UWATERLOO.CA. All others contact Professor Keith

- R. Jennings, Institute of Mass Spectrometry, Department of Chemistry, University of Warwick, Coventry CV4 7AL, UK; Phone (44) 203-523232; Fax (44) 203-524112; E-Mail: MSRHY@SNOW.CSV.WARWICK.AC.UK.
- August 18-20 GLYCO XIII at Seattle, Washington; Carbohydrate Mass Spectrometry; Open Workshop on Methods and Techniques. All participants are encouraged to participate with 5 slides/overheads. Each presenter will have 7 minutes followed by discussion. Topics will include Derivatization, Collision-Induced Dissociation, Phosphates & Sulfates, Ionization Methods & Analyzers, and General Interest. Registration is free with a deadline of 4/3/95. For further information contact Vern Reinhold, Harvard University SPH, 665 Huntington Avenue, Boston, MA 02115, FAX 617 (432-2435).
- September 12-14 The French mass spectrometry society has chosen Bordeaux as the site of its next congress: "12<sup>èmes</sup> Journées Francaises de Spectrometrie de Masse." For more information contact Dr. Guy Bourgeois, CESAMO, Université Bordeaux-1, F-33405 Talence Cedex; Phone (33) 56 84 64 49; Fax (33) 56 84 26 23.
- September 24-28 11th Asilomar Conference on Mass Spectrometry, Molecular Structure Determination: Activation, Mass Analysis and Detection, Asilomar Conference Center, Pacific Grove, CA. Contact: ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87505. Phone: (505) 989-4517. Fax: (505) 989-1073.
- September 24-29 ANZSMS-15, Sydney, Australia, 15th Conference of The Australian and New Zealand Society for Mass Spectrometry. Details are available from Assoc. Prof. Michael Guilhaus, ANZSMS-15 Secretary, School of Chemistry, The University of New South Wales, Sydney 2052, Australia; phone 02 385 4717; fax 02 385 5958; email M.Guilhaus@unsw.edu.au. The conference will be held on the campus of The University of New South Wales and has the following areas of focus: Biological Mass Spectrometry, Drugs in Sport, Ion Chemistry, Environmental Mass Spectrometry, ICP/MS, Mass Spectrometry and the Earth Sciences.
- November 1-3 12th Liquid Chromatography/Mass Spectrometry "Montreux" Symposium to be held at Hilton Head Island, South Carolina. Short course will be held October 30-31. For further information contact: Robert Voyksner, Research Triangle Institute, P.O. Box 12194, Research Triangle Park, NC. Telephone: (919) 541-6697. FAX: (919) 541-7208.

**ASMS****43rd ASMS Conference on Mass Spectrometry and Allied Topics****May 21 - 26, 1995, Marriott Marquis Hotel, Atlanta, Georgia***For information, contact ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87501.**Telephone: (505) 989-4517. Fax: (505) 989-1073.***MON  
AM****Plenary Lecture:** *Dr. Robert T. Watson, Office of Science & Technology Policy***Oral Session:** Electrospray Ionization - Applications**Oral Session:** Mass Spectrometry of Polymers**Oral Session:** Recent Developments in Characterization of Aerosol Microparticles**Oral Session:** Elemental and Isotopic Analysis**Oral Session:** Computational & Experimental Approaches to Ion Thermochemistry and Structure**PM****MS TUTORIALS****POSTERS. Oral Sessions Continued. Workshops****TUES  
AM****Plenary Lecture:** *Dr. Don H. Catlin, Director, UCLA Olympic Analytical Laboratory.***Oral Session:** Laser Desorption Ionization - Applications**Oral Session:** Mass Spectrometry in Pharmacology & Toxicology**Oral Session:** Chemistry of Multiply-Charged Ions**Oral Session:** Mass Spectrometry in Environmental Research**Oral Session:** Mechanisms of Ion-Molecule Reactions**PM****MS TUTORIALS****POSTERS. Oral Sessions continued. Workshops.****WED  
AM****Plenary Lecture:** *Recipient of the 1995 Award for Distinguished Contribution in MS***Oral Session:** Electrospray Ionization - Fundamentals**Oral Session:** Laser Desorption Ionization - Fundamentals**Oral Session:** Fourier Transform Mass Spectrometry**Oral Session:** New Approaches to Quantitative Mass Spectrometry**Oral Session:** Mass Spectrometry and the Earth's Atmosphere**PM****POSTERS. Oral Sessions continued.****THURS  
AM****Plenary Lecture:** *Prof. R. Graham Cooks, Purdue University**in collaboration with Philip H. Hemberger***Oral Session:** Mass Spectrometry in Immunology**Oral Session:** Hydrogen Bonding Interactions**Oral Session:** Organohalogens: New Issues & Techniques**Oral Session:** Time-of-Flight Mass Spectrometry**Oral Session:** Ion Trap Mass Spectrometry**Oral Session:** Energy & Petrochemicals**PM****POSTERS. Oral Sessions continued. Workshops.****FRI  
AM****Plenary Lecture:** *Mr. Miles O'Brien, CNN Science Correspondent***Oral Session:** Surface-Induced Dissociation**Oral Session:** Good Laboratory Practices for Mass Spectrometry**Oral Session:** Hyphenated Chromatography/MS**Oral Session:** Mass Spectrometry to Study Higher Order Structure**Oral Session:** Metal Ion Chemistry**ASMS****Short Courses, May 20 - 21, 1995, Atlanta, Georgia***Immediately preceding the conference. Interpretation of Mass Spectra, LC/MS, GC/MS for Environmental Analysis, and Practical MS/MS Analysis*